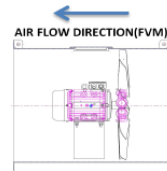


## FAN-VES01001:

	DESTINATION: AUXILIARY MACHINERY ROOM	FAN-VES01001
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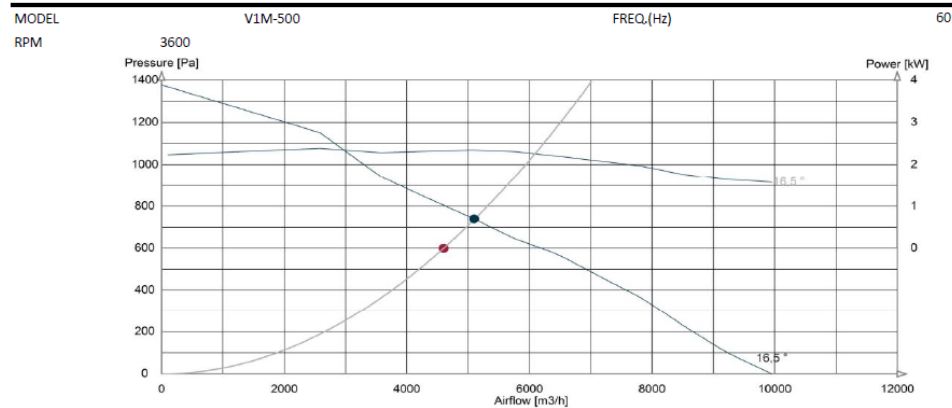
### TECHNICAL CHARACTERISTICS

FAN GENERAL DATA:		CASING	
MODEL:	V1M-500	MATERIAL:	STEEL
TYPE:	Axial	PROTECTION:	HOT DIP GALV + C4 PAINTED
UNITS:	1	ELECTRIC ACCESS:	JUNCTION BOX
POSITION:	Horizontal	INTERNAL DIAMETER(mm):	500
AIRFLOW (m3/h):	4600	ORIGINAL D(mm):	560
TEMPERATURE(°C):	60	LENGHT(mm):	400
DENSITY(kg/m3):	1,06	HOLES D(mm)	12
STATIC PRESSURE(Pa):	600	HOLES NUMBER:	12
TOTAL PRESSURE(Pa):	622	LIFTING EYES:	YES
POWER, ABSORBED(kW):	2,34	THICKNESS(mm):	2
START:	DOL	ANTISPARK CONSTRUCTION:	NO
FAN WEIGHT(kg):	96,70		



IMPELLER:	
MATERIAL:	PAG
ROTATION:	FVM
BLADE TYPE:	4Z
IMPELLER DIAMETER(mm):	494
SHAFT DIAMETER(mm):	38
NUMBER OF BLADES:	6-9
PITCH ANGLE:	16,5°

### FAN CURVE



#### IMPELLER INFORMATION:

Impeller Diameter:	494 mm
No of blades:	6
Pitch:	16,5 °
Blade Material:	PAG
Blade Type:	4Z
Impeller Rotation:	L

#### APPLICATION:

Speed:	3490 RPM
Tip Clearance:	3 mm
Temperature:	60 °C
Altitude:	0 m
Density:	1,06 kg/m3

Tests are carried out according to methods described in ANSI / AMCA 210-99 (Arrangement - A)

### SOUND DATA

Sound power level based on AMCA 300-08/AMCA 301-06. Deviation ± 6 dB

\*Only if fan has silencer

	SOUND POWER dB	SOUND PRESSURE dB(A) 1m free field 40°	INSERTION LOSS* dB(A) 1m free field 40°
63Hz	99,2	65,2	NA
125Hz	94,2	71,2	NA
250Hz	101,2	85,2	NA
500Hz	97,2	88,2	NA
1kHz	95,2	89,2	NA
2kHz	92,2	87,2	NA
4kHz	90,2	86,2	NA
8kHz	80,2	75,2	NA
GLOBAL	105,5	94,5	NA